

CLAIM AMENDMENTS

Claims 1-19 (Cancelled).

20. (New Claim) An apparatus for use in pumping or mixing a fluid, comprising:
a flexible bag for receiving the fluid; and
a rotatable magnetic pumping or mixing element carrying at least one blade for
agitating the fluid.

21. (New Claim) The apparatus according to claim 20, wherein the magnetic pumping
or mixing element includes at least one magnet carried in a non-magnetic matrix material.

22. (New Claim) The apparatus according to claim 20, wherein the magnetic pumping
or mixing element is disk-shaped.

23. (New Claim) The apparatus according to claim 20, wherein the magnetic pumping
or mixing element includes an opening.

24. (New Claim) The apparatus according to claim 23, wherein the bag further
includes a post for insertion through the opening in the pumping or mixing element.

25. (New Claim) The apparatus according to claim 20, further including a
superconductor-based unit for levitating and rotating the pumping or mixing element in the
bag.

26. (New Claim) An apparatus for use in pumping or mixing a fluid, comprising:
a flexible bag for receiving the fluid; and
a rotatable disk-shaped magnetic pumping or mixing element for agitating the fluid.
27. (New Claim) The apparatus according to claim 26, wherein the magnetic pumping or mixing element includes at least one blade for agitating the fluid.
28. (New Claim) The apparatus according to claim 26, wherein the magnetic pumping or mixing element includes vanes for agitating the fluid.
29. (New Claim) The apparatus according to claim 26, wherein the magnetic pumping or mixing element includes at least one magnet carried in a matrix material.
30. (New Claim) The apparatus according to claim 26, wherein the magnetic pumping or mixing element includes an opening.
31. (New Claim) The apparatus according to claim 30, wherein the bag further includes a post for insertion through the opening in the pumping or mixing element.
32. (New Claim) The apparatus according to claim 26, further including a superconductor-based unit for levitating and rotating the pumping or mixing element in the bag.

33. (New Claim) An apparatus for use in pumping or mixing a fluid, comprising:
a flexible bag; and
a rotatable magnetic pumping or mixing element for agitating the fluid, said pumping or mixing element lacking sharp corners that might perforate the bag if contacted during rotation.
34. (New Claim) The apparatus according to claim 33, wherein the magnetic pumping or mixing element includes at least one blade for agitating the fluid.
35. (New Claim) The apparatus according to claim 33, wherein the magnetic pumping or mixing element includes blades for agitating the fluid, said blades having rounded edges and lacking sharp corners that might perforate the bag if contacted during rotation.
36. (New Claim) The apparatus according to claim 33, wherein the magnetic pumping or mixing element includes at least one magnet carried in a matrix material.
37. (New Claim) The apparatus according to claim 33, wherein the magnetic pumping or mixing element is disk-shaped.
38. (New Claim) The apparatus according to claim 33, wherein the magnetic pumping or mixing element includes an opening.
39. (New Claim) The apparatus according to claim 38, wherein the bag further includes a post for insertion through the opening in the pumping or mixing element.